

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1- 8 (canceled).

9. (Currently Amended) A data transmission method, comprising:
transmitting a data signal between a transmitter and a receiver as a data stream of data bursts in either at least a first transmission mode and or a second transmission mode;
in the first transmission mode, transmitting a reference signal by the transmitter in each data burst, the reference signal being evaluated in the receiver; and
in the second transmission mode, avoiding transmitting the reference signal by the transmitter in each data burst and instead transmitting additional redundancy data of the data signal in each data burst;
wherein a selection between the first transmission mode and the second transmission mode is made, said selection being dependent on whether interference elimination is performed at the receiver or at the transmitter.
10. (Previously presented) The method according to claim 9, wherein:
the additional redundancy data are provided by data of the data signal that are transmitted in repetition.
11. (Previously presented) The method according to claim 10, wherein:
the data transmitted in repetition are received in repetition by the receiver and are evaluated separately in the receiver.
12. (Previously Presented) The method according to claim 11, further comprising:
selecting a data version of the data transmitted in repetition having a stronger received signal for at least one of further processing and delivery to a user.

13. (Previously presented) The method according to claim 9, further comprising:
in the second transmission mode, eliminating interference in the transmitter.
14. (Previously presented) The method according to claim 9, further comprising:
transmitting a plurality of data streams simultaneously according to a CDMA
technique.
15. (Previously presented) The method according to claim 9, wherein:
the data bursts have at least two data blocks, between which a block is arranged
which is used, in the first transmission mode, for the reference signal, and which is
used, in the second transmission mode, for the additional redundancy data.
16. (Previously presented) The method according to claim 9, further comprising:
selecting a data format for the data signal to be transmitted in both the first transmission mode
and the second transmission mode so as to be identical.